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Cc: Washburn, Ben[washburn.ben@epa.gov]; Peterson, Mary[Peterson.Mary@epa.gov]; Stoy, Alyse[Stoy.Alyse@epa.gov]; Hague, Mark[Hague.Mark@epa.gov]; Brincks, Mike[brincks.mike@epa.gov]
From: Carey, Curtis
Sent: Mon 10/19/2015 9:07:28 PM
Subject: FW: Follow up questions from last week
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Lynn and Brad,

I need your assistance please. Veronique is writing a story and needs some confirmation or correction of facts. I've asked for her deadline.

1. Has EPA (or the PRPs, or anyone else) found any radioactive material in the north quarry of the Bridgeton Landfill?
2. Or, is it confined to OU-1 area 1?
3. Also, Is this correct?
 - a. In March 2014, she reported that EPA had found radioactive material 100 feet south of OU-1 in the north quarry: "Recent tests have found radioactivity farther south than expected. The EPA says the radioactive waste extends about 100 feet into the north quarry of the Bridgeton Landfill. That means it's closer to the underground fire than previously thought — about 900 to 1,000 feet away. The EPA says the material is 36 to 60 feet below the landfill surface, 'where it is not posing exposure risk.'"
4. In her interview with Mark Hague on Sept. 24, he said that the results from the field work that EPA conducted from May-July of this year to assess the extent of the RIM would be used to "engage the PRPs in a decision on the location or potential location of an isolation barrier. We hope to get all that done by the end of this calendar year."
 - a. Does this mean that EPA expects to propose a location for a fire break by the end of Dec. 2015?
5. Will EPA release data showing the extent of the RIM (a map?) before December?
 - a. Will that be part of the draft "Phase 1 comprehensive report" that EPA said would make available to the public during the first week of November?
 - b. What exactly will that draft Phase 1 comprehensive report include?

6. Meanwhile, Cotter Corp. will be collecting additional samples of soil from OU-1 areas 1 (7 samples) and 2 (18 samples) between now and the end of December. Those samples will be used to characterize the type of radioactive material that is present, and its source – in other words, to determine whether it is all the leached barium sulfate that was dumped by the Cotter Corp’s contractor in 1973, or something else from some other source?
7. Will EPA make those data available to the public in a report in May or June of 2016?
8. Would EPA and USACE then use that (and other) information in coming up with a “proposed final remedy” for the radioactive waste at West Lake, which Mark Hague said would be issued for public comment by the end of December, 2016?
9. What is the most up-to-date estimate of the distance (in feet) between the northernmost extent of the underground reaction and the southernmost extent of the RIM (given what we know at this point about the extent of the RIM, and understanding that could change)?